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	Examiner # (Mandatury): 74091 Requester's Full Name: Liljana (lil) Cirl	
	Art Unit 3743 Location (Bldg/Room#): <u>CPK1 11854</u> Phone (circle 305 306 308) 3925	
	Serial Number: 09/660,733 Results Format Preferred (circle): PAPER DISK E-MAIL	
	Title of Invention Method and Apparatus Lon Tomponature Condit	
	Inventors (please provide full names): James Wilson, Timothy Fletcher,	
	Lucian BRASIER, JAMES SMASON	
	Earliest Priority Date: Sep 13, 2000	
	Keywords (include any known synonyms registry numbers, explanation of initialisms):	•
	O turbulence inducing structure (disposed along a	
	Pluid namageway? (8) stainless steel	
(2) predetermined temperature profile (9) dimples or of	۵ر
(3) thermally conductive (10) flue suffer)	
1	device.	
7	and plate	
`	To aluminum sili con Carbide (A) Si () (2) phased arraft	
	(7) tuling antenna system	0
	Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the	
	subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).	
	Invention relates to a thermally conductive flat	
	plate or "cold plate" having a fluid passageway or	
	tubing formed therein, a plurality of turbulence-	
	inducing structures or kins or dimples formed in the	
	wall or by the wall of the passageway or tubing,	
	a fluid flowing through the passageway or tubing,	
٠	where the protructions or climples or fine of other turbulence	
l	nducing structures are spaced along the passageway or	
_	tubing in such a way as to achieve an iso thermal of	
(otherwist pleditionined temperature profile in the place	_
	Searcher: Julie Wallo Type of Search Vendors (include cost where applicable) Sintor	2a
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... To set up a phased-array antenna, one needs to measure the pointing ... and is a function of frequency, power output, atmospheric stability, turbulence, and, most ... www.webmet.com/met monitoring/913.html - 22k - Cached - Similar pages

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... The range of the turbulence is determined from the delay between the transmission of the acoustic pulse, and the reception of the ... Phased Array Antenna Option. ... www.a-research.com.au/sodar.html - 12k - Cached - Similar pages

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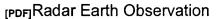
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... Weak wave turbulence in the Faraday experiment. ... CSF as Contingent Scientist: Implementation of a new "all-optical" architecture for a phased-array antenna. ... www.ino.it/~pastur/cven.html - 14k - Cached - Similar pages



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... 16 April 2002 Instruments 31 PHARS - a SAR testbed * C-band Synthetic Aperture Radar

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... CA 90501 Title: A MMW Source for a New Phased-Array Antenna Architecture Topic ... High-

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... The rapid-scanning, phased-array antenna will be fitted with several hundred transmitting ... The facility has three independent isothermal zones heated by sodium ...

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... increases the final transformation stress relative to isothermal transformation. ... These

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... power standards. A power standard of isothermal type was recognised

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